

STTR FY03 PH I By Topic

TOPIC	COMPANY	TITLE
ARMY03-T01	Sonalysts, Inc.	The Virtual Observer/Controller (O/C) --- Intelligent Coaching in Dismounted Warrior Simulations
ARMY03-T02	Scientific Systems Company, Inc	Advanced Computational Algorithms for Nonlinear Filtering for Real Time Environment
ARMY03-T02	Techno-Sciences, Inc.	Numerical Methods for Nonlinear Filtering
ARMY03-T03	ACTA Incorporated	Advanced Computational Algorithms for Simulating Weapon-Target Interaction
ARMY03-T03	ParaSym	Next generation Computational Algorithms for the Virtual Testing of Military Systems for Survivability and Design Studies
ARMY03-T04	NextGen Aeronautics	Piezo-Hydraulic Actuation System Technologies (PHAST)
ARMY03-T04	Techno-Sciences, Inc.	Augmented Actuation Devices for Adaptive Structures
ARMY03-T05	Mayflower Communications Company, Inc.	Short-Range High Data Rate Mobile Wireless Communications System
ARMY03-T06	OphUS	Plasma Wave Electronics
ARMY03-T06	Sensor Electronic Technology, Inc.	Plasma Wave Electronics
ARMY03-T07	Calabazas Creek Research, Inc.	High Frequency MEMS-based TWTS using Novel Interaction Circuits and Beam Sources
ARMY03-T07	Microwave Technologies Incorporated	Miniature W-band Dielectric Traveling-Wave Tube
ARMY03-T08	Intelligent Automation, Inc.	Using Evolving Curves to Track Dynamic Boundaries
ARMY03-T08	Nekton Research LLC	Dynamic Perimeter Surveillance by Swarms of Small Robotic Vehicles
ARMY03-T09	Migma Systems, Inc.	New SVM Hierarchical Classifier Fusion
ARMY03-T10	-9 2 -6.LLC	Planar Microfluidic Membraneless Fuel Cells
ARMY03-T10	INI Power Systems Inc.	Membraneless Microchannel Fuel Cells
ARMY03-T11	Surface Optics Corporation	Enhanced Backscattering of Electromagnetic Radiation for Target Tracking
ARMY03-T12	BIOSAFE INC.	Biocidal Textiles for Soldier Protection and Homeland Defense
ARMY03-T12	Luna Innovations Incorporated	Development of Textiles with Antimicrobial Properties
ARMY03-T13	Foster-Miller, Inc.	Inducible Surface Hydrophobicity of Microbial Consortia for Biofilm Remediation
ARMY03-T13	MSE Technology Applications, Inc.	Biofilm Remediation for Restoration of Contaminated Army Sites.
ARMY03-T14	Agentase LLC	Improved Kit for Chemical Detection
ARMY03-T14	MATERIALS TECHNOLOGIES CORPORATION	Color-Based PolyOxoMetalate Cellulosic Detector Strips for Chemical Warfare Agents
ARMY03-T15	Medergy, Inc.	Mitochondrial Functional Proteomics
ARMY03-T15	MitoKor Inc.	Mitochondrial Functional Proteomics
ARMY03-T16	PartTec, Ltd.	Instrumental Probes for Properties of Nano-structures in Polymer Matrices.
ARMY03-T17	Quantum Applied Science and Research Inc.	Wearable Electrophysiologic Sensor Suite for Detection of Neurotoxic Effects
ARMY03-T18	Custom Manufacturing & Engineering, Inc.	Remote Detection of Riverine Traffic
ARMY03-T18	WaveBand Corporation	Multisensor Traffic Monitor Supported by Advanced Processing and Location Logistics
ARMY03-T19	Seashell Technology LLC	Narrow-Band Infrared Obscurants for Survivability
ARMY03-T20	Manning Applied Technology	Optimal Bioaerosol Sampler
ARMY03-T21	Seashell Technology LLC	Obscurant Dissemination
ARMY03-T22	CFD Research Corporation	NOVEL MICROFLUIDIC BASED BIO-INSPIRED BATTERY
ARMY03-T22	Lynntech, Inc.	Metabolic Bio-inspired Batteries
ARMY03-T23	Srico, Inc.	Efficient Frequency Conversion and Optical Amplification to Improve Detection of Chemical and Biological Agents

ARMY03-T24	Nano Science Diagnostics Inc.	Receptor-Conjugated Nanoparticles for Fluorescent Biowarfare Agent Detection and Microwave-Assisted Neutralization in Buildings
ARMY03-T24	Nanomat, Inc.	Nanocapsule Coatings Utilizing Biomolecules to Detect and Nano MgO-Cl ₂ adduct to Neutralize the Biological Agents
ARMY03-T25	Sentor Technologies Inc.	A Portable Electrospray-Based Air Sampler Incorporating a Fluorescent Assay
ARMY03-T27	Lynntech, Inc.	A Portable and Rugged Base-Deficit Monitor
ARMY03-T28	Access Bio, Inc.	Production of Ready-to-use DNA-based Diagnostics Kit for Dengue Virus Detection